

REPLACEMENT SHEET

hTIR1	1	-MLICTARIVGQILISQAFACHSTES	-SPEFTIPGDIHAGHPTI	-HSCLOVRIR	-FEVTTIDRSCSNEHGVHFOVRLEQVEEFNNS	TAHLPNTIGYQI	NDVCS	-SANYATIRV	119
rTIR1	1	MLFWAHILLSQI	-VVOAFSCORTES	-HGCLOVRIR	-HIVTSDDPDSNGHGVHFOVRLEQVEEFNNS	SAHLPNTEGVEI	NDVCS	-SANYATIRV	118
hTIR2	1	-MCPRAKTICSTFF	-ELNVLAE	-AE	-NSHYIPGDIHAGHPTI	-HANKGIVHNFLOVEMCK-EYEVKVI	GNIMQAVRFAVEE	ENNDSSILPVLICYIVDVYI	115
rTIR2	1	-MCPARTLCISI	-ELNVLAE	-AE	-NSHYIPGDIHAGHPTI	-HANKGIVHNFLOVEMCK-EYEVKVI	GNIMQAVRFAVEE	ENNDSSILPVLICYIVDVYI	118
hTIR3	1	---	---	---	---	---	---	---	117
rTIR3	1	---	---	---	---	---	---	---	117
mGluR1	1	MVRLLLIFFPMIFEMSTIPMPDKVILAGASSQ	HSVARMDQVI	IGAFESVH	QPFKEVPE	----	RKCG	-EIREQVQIRVFAHFHTLDA	123
hTIR1	120	SLIG	---	---	---	---	---	---	236
rTIR1	119	ALQG	---	---	---	---	---	---	235
hTIR2	116	AHE	---	---	---	---	---	---	231
rTIR2	119	HOD	---	---	---	---	---	---	235
hTIR3	118	AKAG	---	---	---	---	---	---	234
rTIR3	118	AKV	---	---	---	---	---	---	234
mGluR1	124	RDSLSIREXQCNRCPLDQGLPEGRKTKPIAGVIGPSSVAIQONLEOLFQIQA	SAISINDES	DTLYKVEIR	IRVPSDTICARALDIVKRYN	WTVVS	VHTEG	NVGSMDA	252
hTIR1	237	ICFAHQIMFBSQV	---	---	---	---	---	---	354
rTIR1	236	LOVHQUVFSRVC	---	---	---	---	---	---	353
hTIR2	232	ICFAHQETHTLPQNQMTSEHORLTVIKQ	---	---	---	---	---	---	355
rTIR2	236	ICFAHQEVIIIPESQVMRSEHORLDNIKRR	---	---	---	---	---	---	359
hTIR3	235	ICFAHQEGVHLPRADD	---	---	---	---	---	---	355
rTIR3	235	ICFAHQEGVFOHDTSG	---	---	---	---	---	---	355
mGluR1	253	LQIAHSUKIYSNAGEK	---	---	---	---	---	---	373
hTIR1	355	G	---	---	---	---	---	---	466
rTIR1	354	G	---	---	---	---	---	---	465
hTIR2	356	S	---	---	---	---	---	---	465
rTIR2	360	R	---	---	---	---	---	---	469
hTIR3	356	EREQGLEEDVGRQPOQDCITQIVSAGLN	---	---	---	---	---	---	471
rTIR3	355	-AEDLEERVVMGPQSGQDIYIMQNLSSGLMNVLSAGOLH	LOFATNAVSVACALH	TIQCN	---	---	---	---	478
mGluR1	374	HR	---	---	---	---	---	---	497
hTIR1	355	G	---	---	---	---	---	---	466
rTIR1	354	G	---	---	---	---	---	---	465
hTIR2	356	S	---	---	---	---	---	---	465
rTIR2	360	R	---	---	---	---	---	---	469
hTIR3	356	EREQGLEEDVGRQPOQDCITQIVSAGLN	---	---	---	---	---	---	471
rTIR3	355	-AEDLEERVVMGPQSGQDIYIMQNLSSGLMNVLSAGOLH	LOFATNAVSVACALH	TIQCN	---	---	---	---	478
mGluR1	374	HR	---	---	---	---	---	---	497

TO FIG. 1B

FIG. 1A

REPLACEMENT SHEET

FROM FIG. 1A

ht1R1	467	GSSTWSPVQININETAKOWHKGKUNOVHKSVCSSTCHCHOF--VWJGEHHCCEECVPCDAGHFN--KSDLYRCOCPCGKEWAPESQCTCPPTVWETALEHHSVAVHANTHIEHILGTAGHAFHLDI	594
rT1R1	466	GSASLSPVHININKTKIOWHKNNOVPVSQTTTIGACHIR--VWVGSHHCCCEECVPCDAGHFN--MSELHICOCPCGTEENAEKESCTCPPTVWETALEHHSVAVHANTHIEHILGTAGHAFHLDI	593
ht1R2	466	ASTYPLOQIKN-IODISWHNNNTJHMSCKKSCGCK--KPVGJHVCCEECVPCDAGHFN--KSDLYRCOCPCGKEWAPESQCTCPPTVWETALEHHSVAVHANTHIEHILGTAGHAFHLDI	593
rT1R2	470	ASYSPTSKRIJY-INNVSWYIPNNVPSVNSCKSKSCGCK--KPVGJHVCCEECVPCDAGHFN--KSDLYRCOCPCGKEWAPESQCTCPPTVWETALEHHSVAVHANTHIEHILGTAGHAFHLDI	597
ht1R3	472	GRFN-GSLRTER--IKIPWHSTINDAPVSGRCQCEGQVR--RVKGEHSCQVTCVDDCHAGSIRO-NHDDIACCTGCGQTESPERSIRCHERRSRFLAWDEPAVULHLLLSALGCIIVAAIGAEVHERIS	596
rT1R3	479	GTEN-GTIOIOH--SMMWEG--NOVPVSQSRQCKGQVR--RVKGEHSCQVTCVDDCHAGSIRO-NHDDIACCTGCGQTESPERSIRCHERRSRFLAWDEPAVULHLLLSALGCIIVAAIGAEVHERIS	601
mGluR1	498	GTWH--EGVINDDYKLOMKN--SGMVRSGSEPEGLNGQIVIRKGENSCWIGTACKENHFOV--DEHTICRAGDOLGWPNAELJGCHETIRVLEWSDTESIAHESQCTHIVFEVTLLEVLVLDI	620
ht1R1	595	PVVRSGGTCPEMIGSIAGSGSLVGHFDEPTRPACHTROAHFALGFTIHESCVNRSQOLIIEKESKPVTHHAYVONHCHGHEW--ISSAAGHITQIIMVAVWTHIRA-REYORFHHVMTQTE	722
rT1R1	594	PVVRSGGTCPEMIGSIAGSGSLVGHFDEPTRPACHTROAHFALGFTIHESCVNRSQOLIIEKESKPVTHHAYVONHCHGHEW--ISSAAGHITQIIMVAVWTHIRA-REYORFHHVMTQTE	721
ht1R2	594	FTVRSAGGTCPEMIGSIAGSGSLVGHFDEPTRPACHTROAHFALGFTIHESCVNRSQOLIIEKESKPVTHHAYVONHCHGHEW--ISSAAGHITQIIMVAVWTHIRA-REYORFHHVMTQTE	722
rT1R2	598	PVVRSGGTCPEMIGSIAGSGSLVGHFDEPTRPACHTROAHFALGFTIHESCVNRSQOLIIEKESKPVTHHAYVONHCHGHEW--ISSAAGHITQIIMVAVWTHIRA-REYORFHHVMTQTE	726
ht1R3	597	HVQASGCHACFEIVQIIVCIISVLIHQSPACHTACQPIISHIPLTIGCLSTIFLOAAHIFVESELPLSWADRIISGCIIRGPHANIVWL-LAMIVEVALQTVIVVAHPHEV--TDMWMIHIFALVHRT	724
rT1R3	602	HVQASGCHACFEIVQIIVCIISVLIHQSPACHTACQPIISHIPLTIGCLSTIFLOAAHIFVESELPLSWANWLCSTVIRGPHANIVWL-LAMIVEVALQTVIVVAHPHEV--TDMWMIHIFALVHRT	729
mGluR1	621	PVVRSSRLEQIIHACIHFEGVCPFTILJAFETTSQYEGFIIIVGIVSSANGISAVTKTNRIARHJAGSKKICITRKPRFMSAAGCNLIASILISVQITIAVLIIMEPMPHILSSESIK-EVMTQNT	748
ht1R1	723	INSIGHIAFLVNGHISISAFACSYIGMDHFNVAEAKQVTESIDENHVSIAHHITAGVLDGAVIPANWMAQISSSGGFGGVEIPKGVHICRPHJNSIEHQAASQDVIHRCGST--	841
rT1R1	722	INSIGHIAFLVNGHISISAFACSYIGMDHFNVAEAKQVTESIDENHVSIAHHITAGVLDGAVIPANWMAQISSSGGFGGVEIPKGVHICRPHJNSIEHQAASQDVIHRCGST--	840
ht1R2	723	NVRNLSIFNTSDILLISVWGSFANNGKEHINVAEAKQVTESIDENHVSIAHHITAGVLDGAVIPANWMAQISSSGGFGGVEIPKGVHICRPHJNSIEHQAASQDVIHRCGST--	839
rT1R2	727	NVRNLSIFNTSDILLISVWGSFANNGKEHINVAEAKQVTESIDENHVSIAHHITAGVLDGAVIPANWMAQISSSGGFGGVEIPKGVHICRPHJNSIEHQAASQDVIHRCGST--	843
ht1R3	725	RSWISGCHAHNATHALCHIGTEIVRSOGRVNRARCTHAYFETWVSFVELLANVQVLPVAVQCAIICVLGHAAPHIIEGILLMROCHQINVEEHLGGGEGDAQONDGN-TGNQCKHE	852
rT1R3	730	RSWISGCHAHNATHALCHIGTEIVRSOGRVNRARCTHAYFETWVSFVELLANVQVLPVAVQCAIICVLGHAAPHIIEGILLMROCHQINVEEHLGGGEGDAQONDGN-TGNQCKHE	858
mGluR1	749	SI--IGVAVPVGINCHINISQTYIAFKTRNVHANVAEAKQVTESIDENHVSIAHHITAGVLDGAVIPANWMAQISSSGGFGGVEIPKGVHICRPHJNSIEHQAASQDVIHRCGST--	845

FIG. 1B

REPLACEMENT SHEET

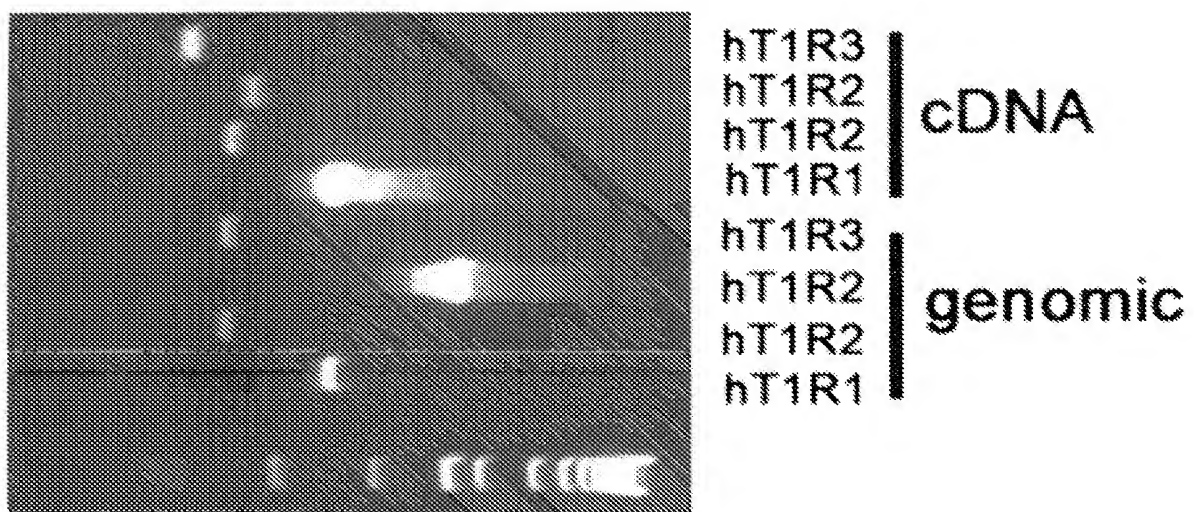


FIG. 2

REPLACEMENT SHEET

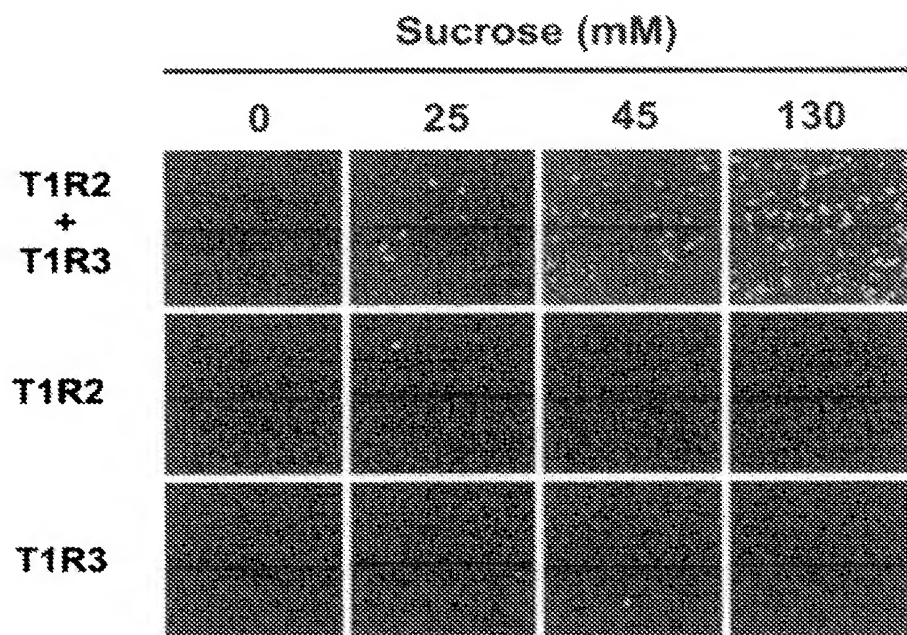


FIG. 3A

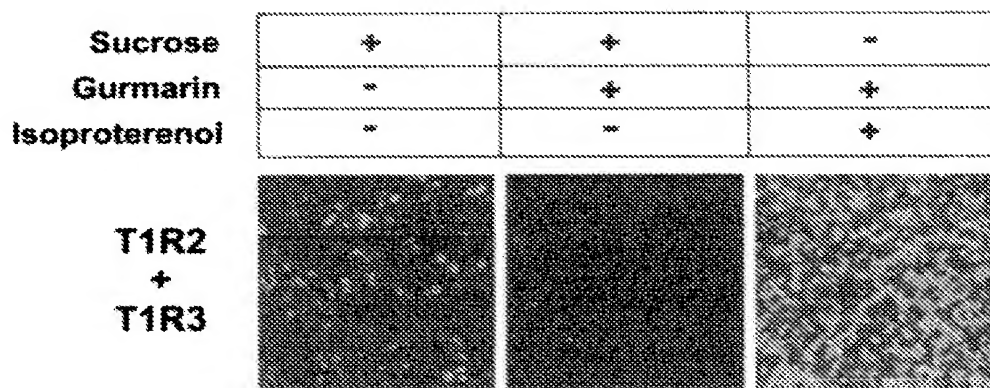


FIG. 3B

REPLACEMENT SHEET

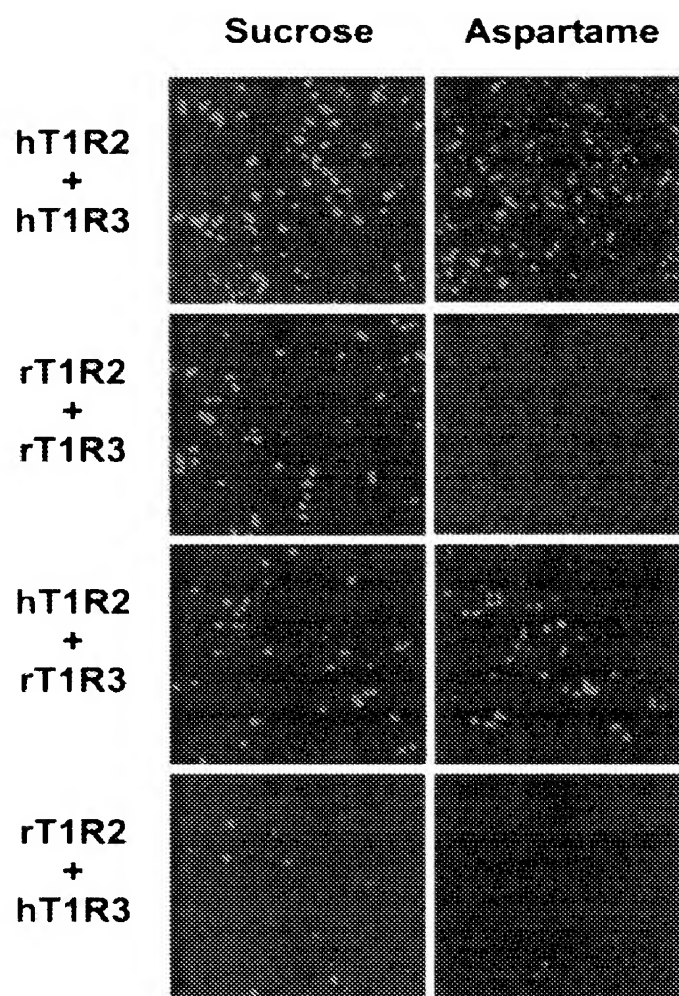


FIG. 4

REPLACEMENT SHEET

NORMALIZED DOSE-RESPONSE CURVE

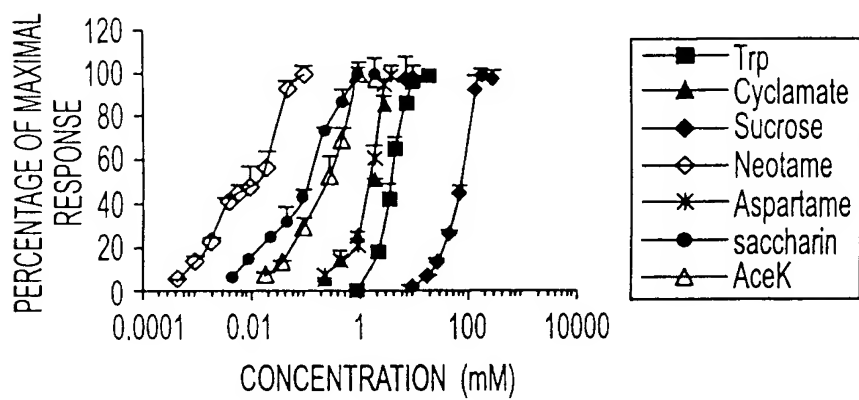


FIG. 6

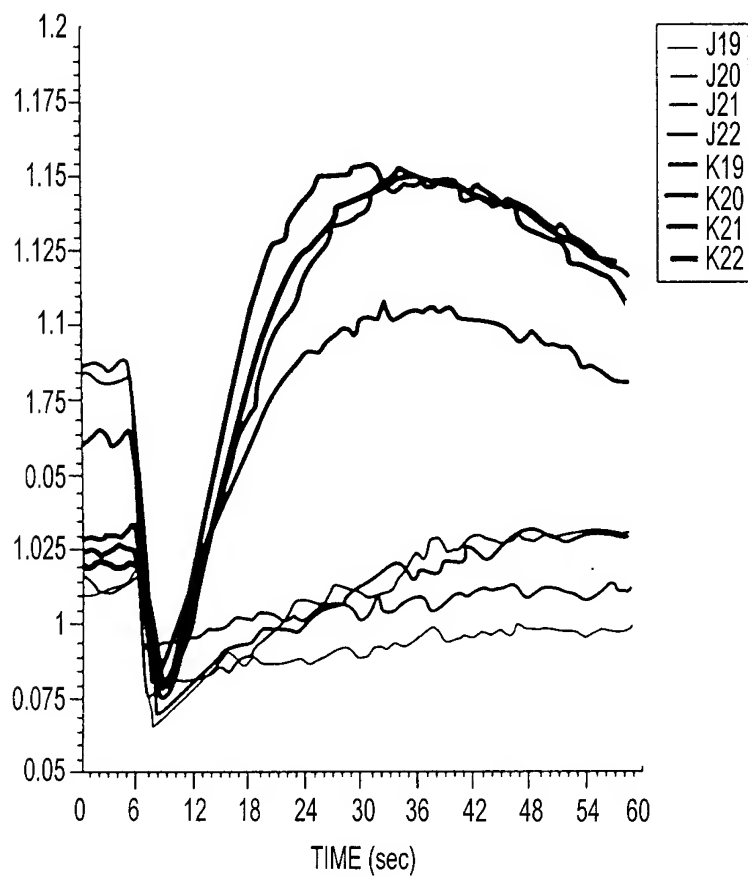


FIG. 5

REPLACEMENT SHEET

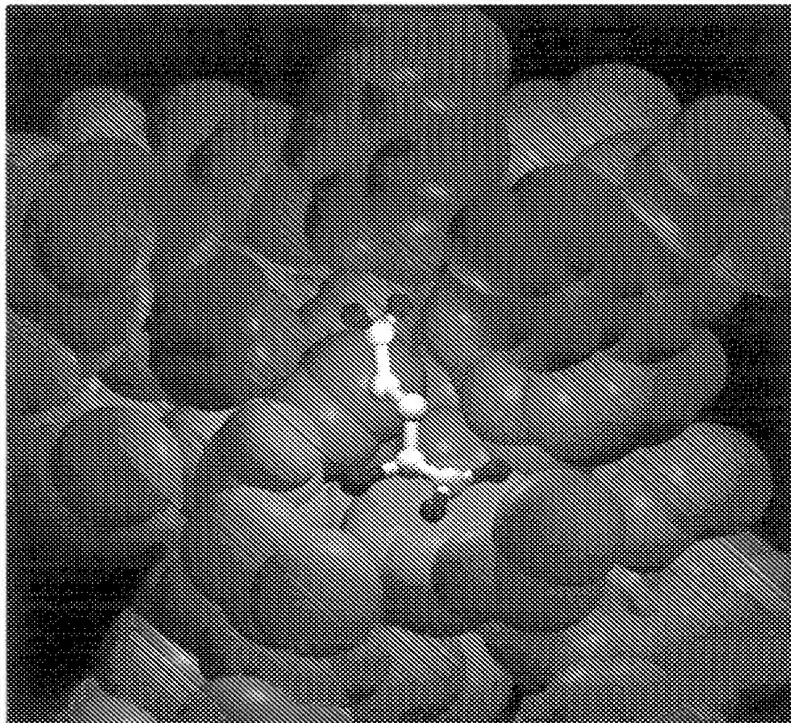


FIG. 7

FIG. 8A

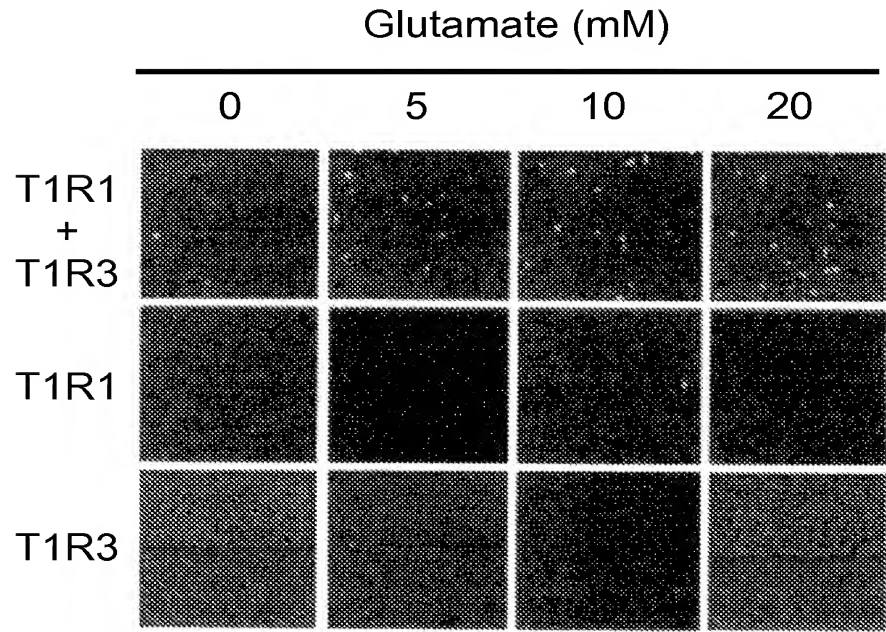
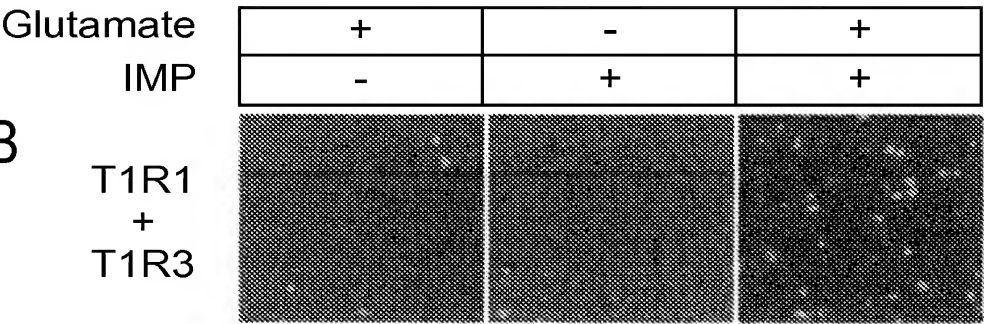


FIG. 8B



REPLACEMENT SHEET

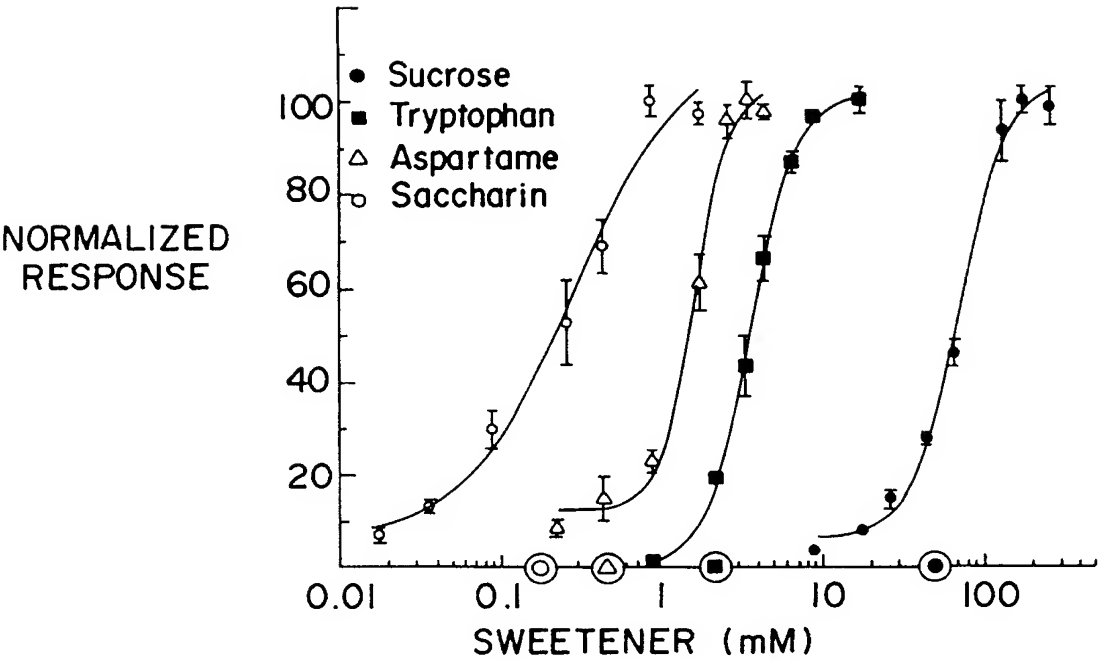


FIG. 3C

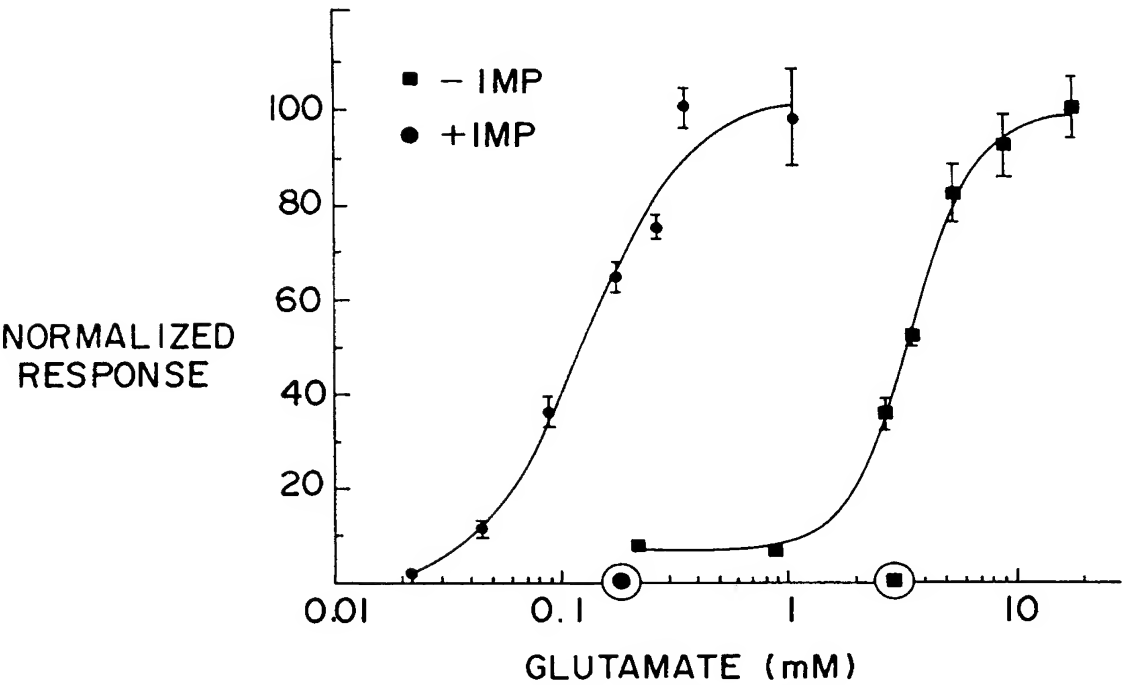
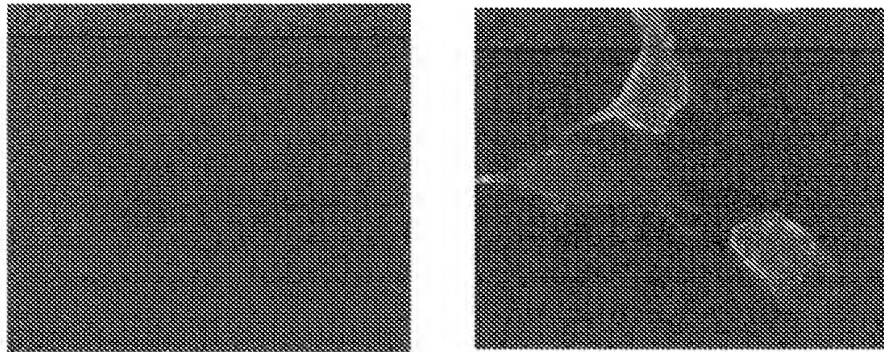


FIG. 8C

REPLACEMENT SHEET



H2-IT-Myc

H2-PDZIP-IT-Myc

FIG. 9A

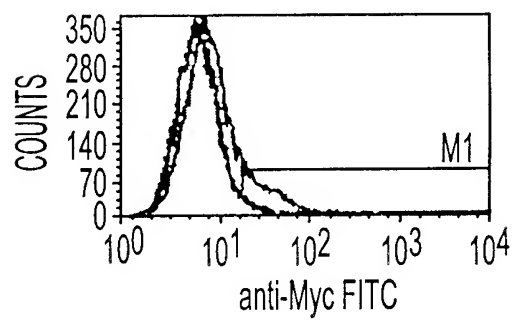
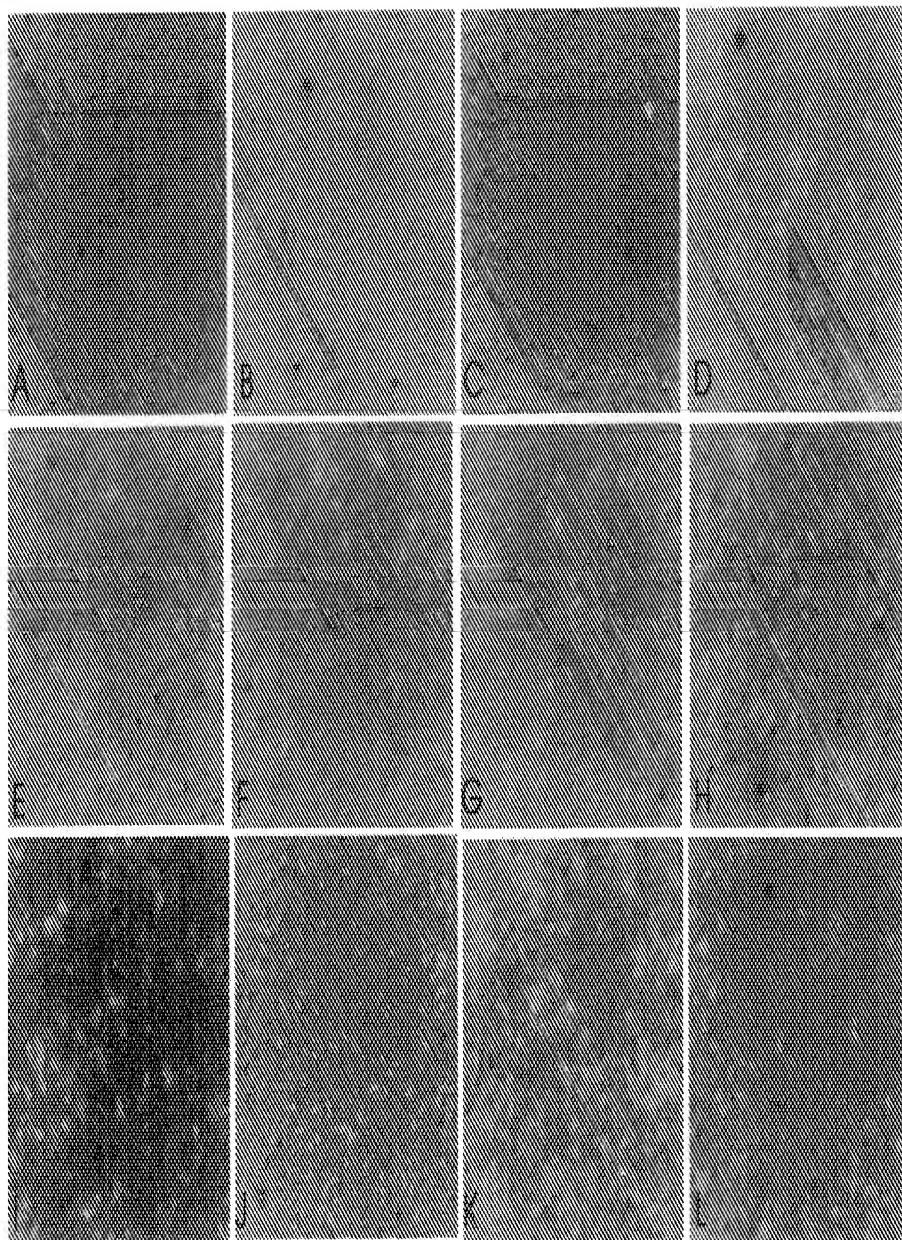


FIG. 9B

FIG. 10



REPLACEMENT SHEET

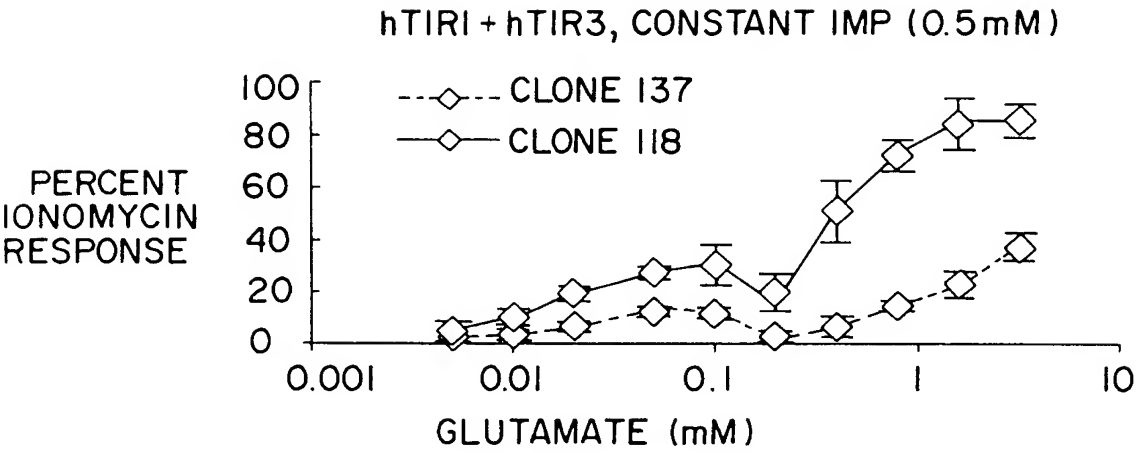


FIG. 11

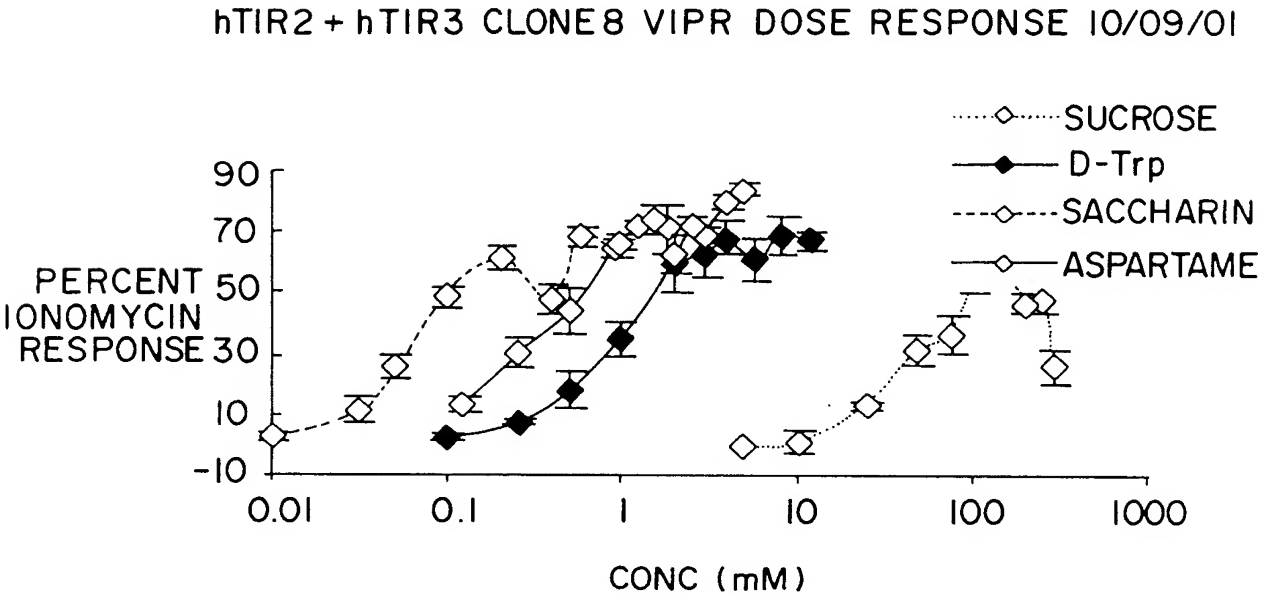


FIG. 12

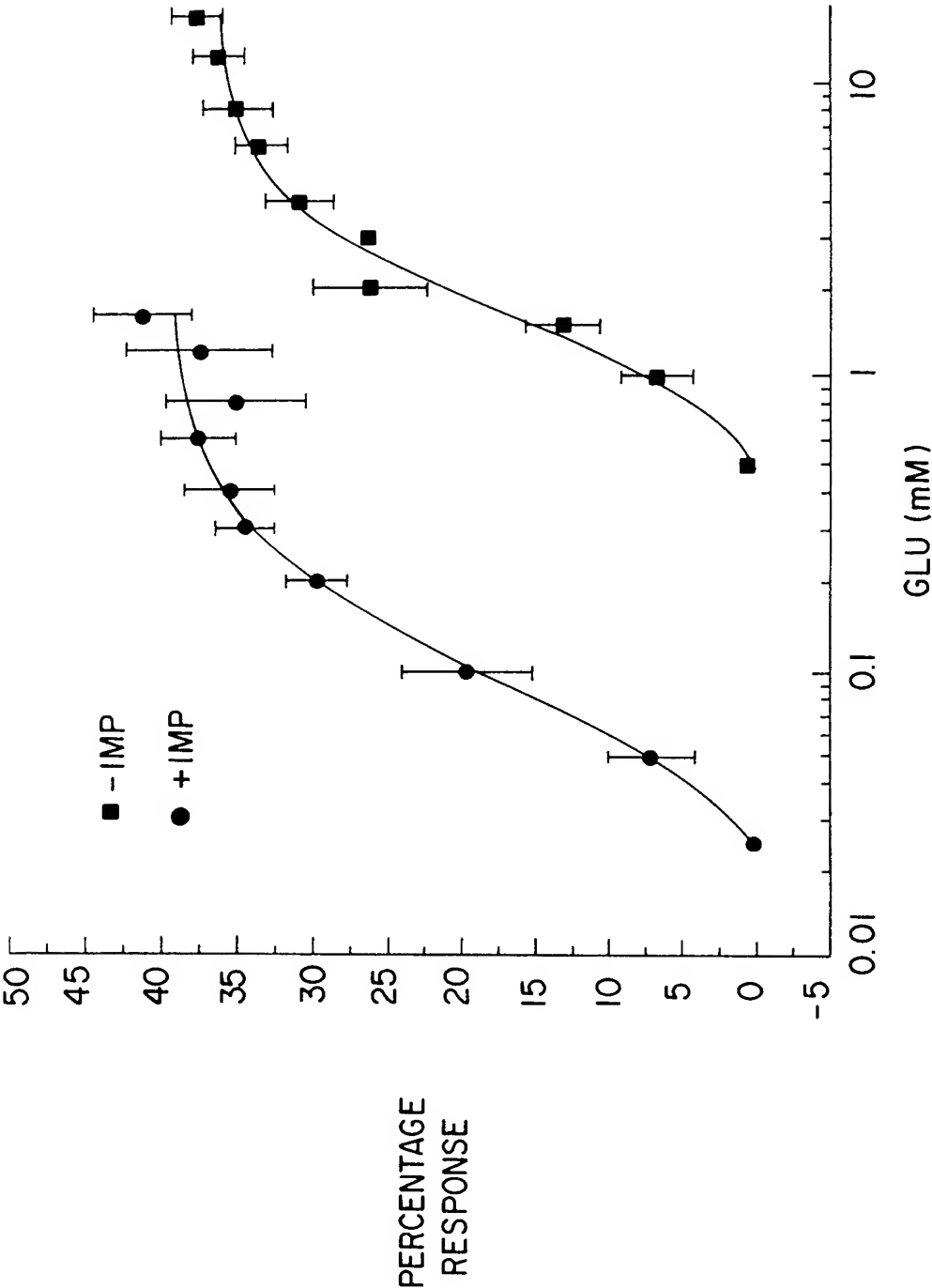


FIG. 13

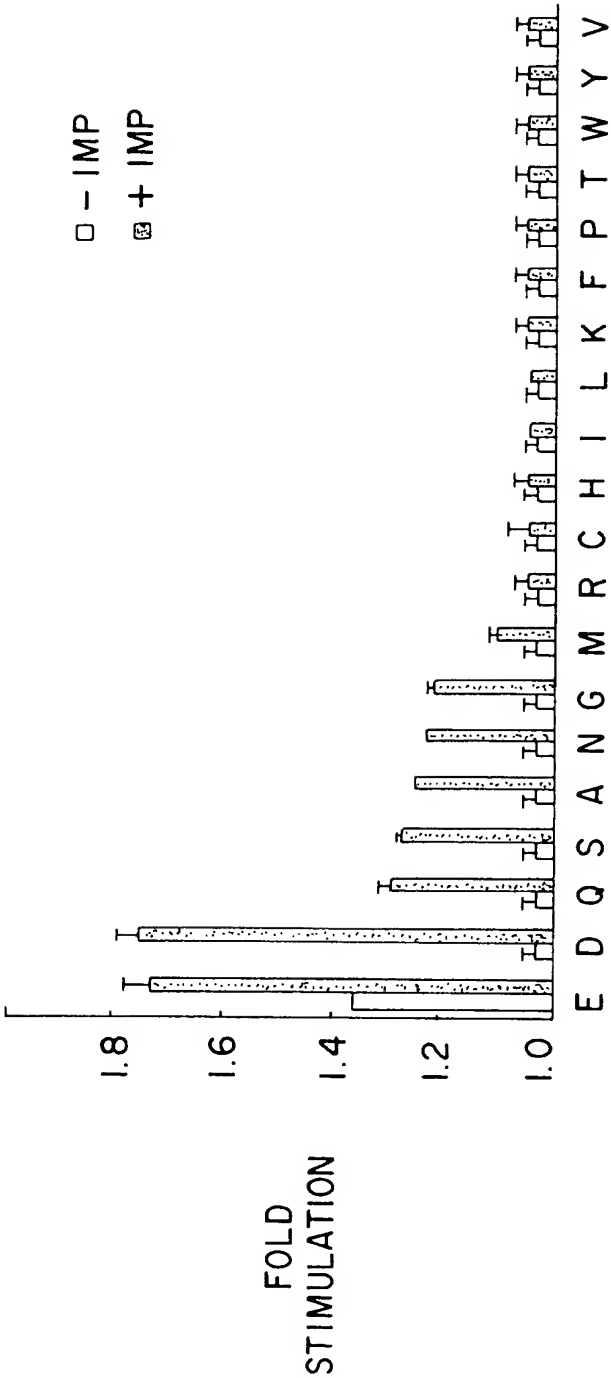


FIG. 14

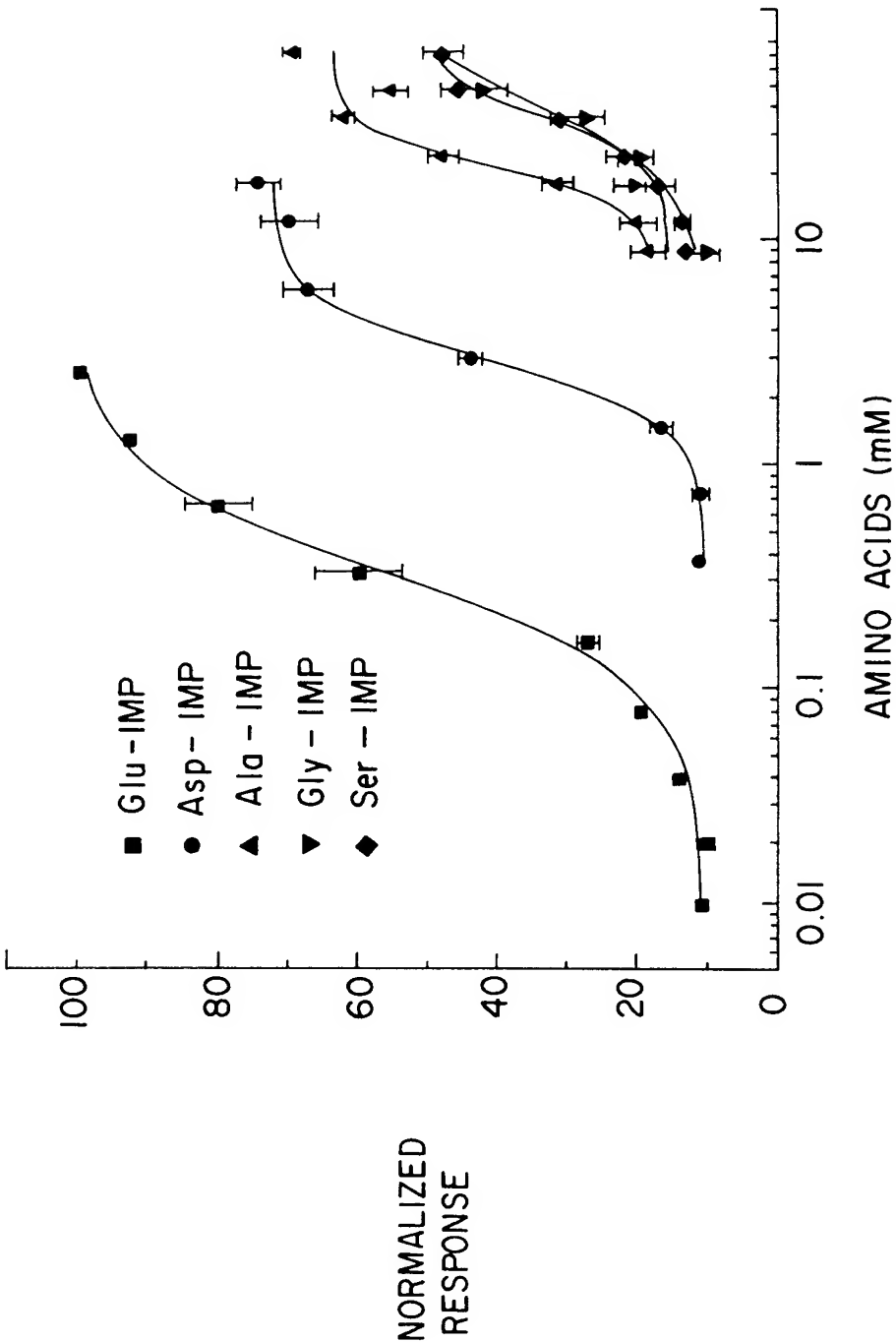


FIG. 15

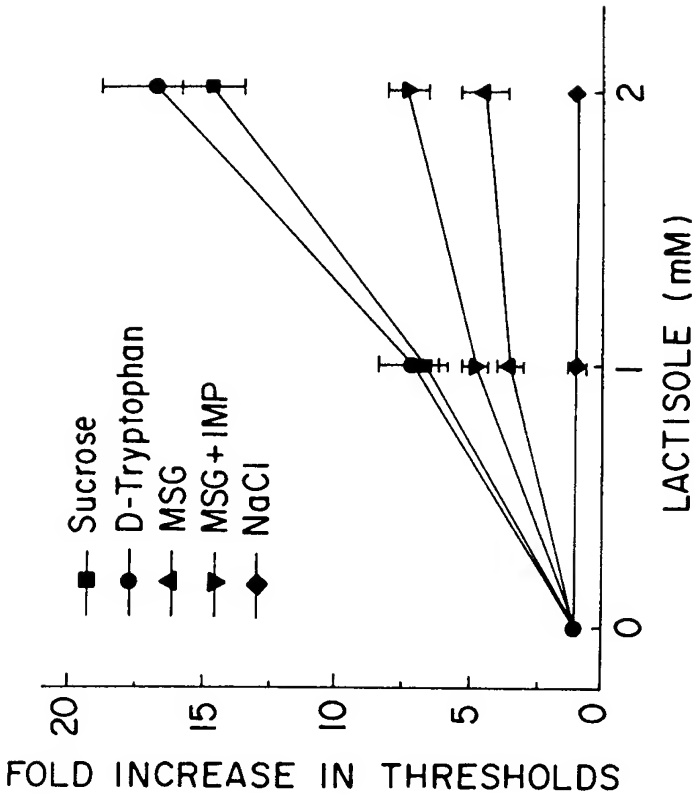


FIG. 16B

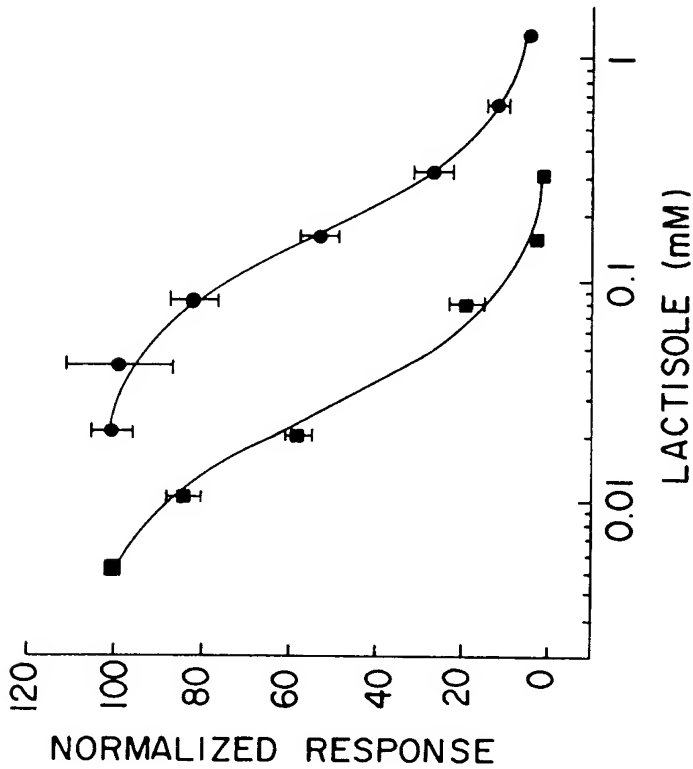


FIG. 16A